

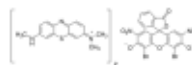
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Product Specification

Product Name:
Azure B - prepared by direct synthesis

Product Number: 227935
CAS Number: 531-55-5
MDL: MFCD00011935
Formula: C₁₅H₁₆ClN₃S
Formula Weight: 305.83 g/mol



TEST	Specification
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Absorbance	638 - 644
Extinction Coefficient	≥ 67000
Absorbance	287 - 293
Extinction Coefficient	≥ 36000
Absorbance	241 - 247
Extinction Coefficient	≥ 13000
Carbon	≥ 49.0 %
Nitrogen	≥ 11.4 %
Purity (HPLC)	≥ 85.0 %
Solubility (Color)	Blue to Very Dark Blue
c = 1mg/ml; Water	

Specification: PRD.2.ZQ5.10000035765

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.